

**LICENSEE EVENT REPORT**

Attachment to AECM-83/0447

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CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M S G G S 1 2 0 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4										5																																																	
7	8	9										14										25										30										57										66									
		LICENSEE CODE										LICENSE NUMBER										LICENSE TYPE										CAT																													

CON'T

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	L	6	0	5	0	0	0	4	1	6	7	0	7	0	7	8	3	8	0	8	0	8	8	3	9															
		60	61											66	68											74	75											80			

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 7/9/83, it was discovered that an inappropriate maint. retest was  
0 3 performed on 7/8/83, for both CR chlorine detectors and that both  
0 4 detection systems were released for work at the same time on 7/7/83,  
0 5 without satisfying the LCO requirements of T.S.3.3.7.8.b. On 7/12/83, it  
0 6 was determined that replacement parts were not purchased to the proper  
0 7 quality level requirements. This event had no effect on the health and  
0 8 safety of the public and did not constitute a threat to plant safety.

SYSTEM CODE S G		CAUSE CODE A		CAUSE SUBCODE A		COMPONENT CODE I N S T R U				COMP. SUBCODE E		VALVE SUBCODE Z		
EVENT YEAR 8 3			SEQUENTIAL REPORT NO. 0 9 2		<input checked="" type="checkbox"/>	OCCURRENCE CODE 0 3		REPORT TYPE L			REVISION NO. 0			
ACTION TAKEN X	FUTURE ACTION H	EFFECT ON PLANT Z	SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NIPRO-4 FORM SUB. N		PRIME COMP. SUPPLIER A		COMPONENT MANUFACTURER W 0 2 5	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The causes were due to personnel error. Immediately after discovery of

1 1 the errors, the systems were declared inoperable and the conditions of

1 2 T.S.3.3.7.8.b were met until the correct retest was completed and the

1 3 installed parts were conditionally released for use-as-is until Level 2

1 4 parts are received and installed. This is an interim report.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
1	5	8	0	0	0	NA	8	31	Review of Maintenance Work					
ACTIVITY			CONTENT			AMOUNT OF ACTIVITY			LOCATION OF RELEASE					
1	6	2	2	34	NA	NA								
PERSONNEL EXPOSURES			TYPE			DESCRIPTION								
1	7	0	0	0	2	NA								
PERSONNEL INJURIES			TYPE			DESCRIPTION								
1	8	0	0	0	NA									
LOSS OF OR DAMAGE TO FACILITY			TYPE			DESCRIPTION								
1	9	2	42	NA										
PUBLICITY			ISSUED			DESCRIPTION			NRC USE ONLY					
2	0	N	44	NA	8308180218 830808 PDR ADOCK 05000416 S PDR									

NAME OF PREPARER D. E. Cathey

PHONE:

SUPPLEMENTARY INFORMATION TO  
LER 83-092/03 L-0

Mississippi Power & Light Company  
Grand Gulf Nuclear Station - Unit 1  
Docket No. 50-416

Technical Specification Involved: 3.3.7.8.b  
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

On July 7, 1983, at 1730 hours, with the plant in Cold Shutdown, the two Control Room chlorine detection systems were released to maintenance for work on the chlorine detectors. Because one maintenance work order was used to perform the work on both detectors, it was not recognized that it placed both systems in an inoperable condition. Therefore, the actions required by Technical Specification 3.3.7.8.b were not met. The work on the systems was completed at 0130 hours, on July 8, 1983, with successful completion of the specified retest. The retest performed was a functional test.

Before the systems were released back to Operations, it was discovered by maintenance during a review of the maintenance work order (MWO) at 1156 hours, on July 9, 1983, that a calibration type retest should have been performed instead of the functional retest that was specified on the work order. In addition, it was realized the Limiting Condition for Operation (LCO) of Technical Specification 3.3.7.8.b had not been met. Immediately after the discovery, the requirements of the LCO were met and maintained until the calibration retest was successfully completed at 1500 hours on the same day. The total time in which the conditions of the LCO were not met was 41.5 hours.

On July 12, 1983, at 1700 hours, during a review of the purchase documents by design engineering, it was discovered that the spare parts installed by the above work order were not purchased to the proper quality level requirements. The systems were immediately declared inoperable and the LCO satisfied. The parts were then conditionally released for use-as-is by Plant Quality until new parts purchased at Quality Level 2 are received. The systems were declared operable at 1600 hours on July 15, 1983.

The future interim corrective action is to replace the conditionally released parts with correctly procured parts when they are received. Future corrective actions for procurement of spare parts to the proper quality level will be provided in an update to this report. Effective personnel corrective action is being determined in regards to the simultaneous release of both detection systems for maintenance.



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 8, 1983

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NUCLEAR PRODUCTION DEPARTMENT

Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-13  
File 0260/L-835.0  
Wrong Maintenance Retest  
Performed on Control Room  
Chlorine Detectors  
LER 83-092/03 L-0  
AECM-83/0447

On July 9, 1983, it was discovered that an inappropriate maintenance retest was performed on both Control Room chlorine detectors and that both detection systems were released for work on July 7, 1983, without satisfying the Limiting Condition for Operation (LCO) requirements of Technical Specification 3.3.7.8.b. On July 12, 1983, it was discovered that replacement parts were not purchased to the proper quality level requirements. This is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-092/03 L-0.

Yours truly,

L. F. Dale  
Manager of Nuclear Services

EBS/SHH:sap  
Attachment

cc: (See Next Page)

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